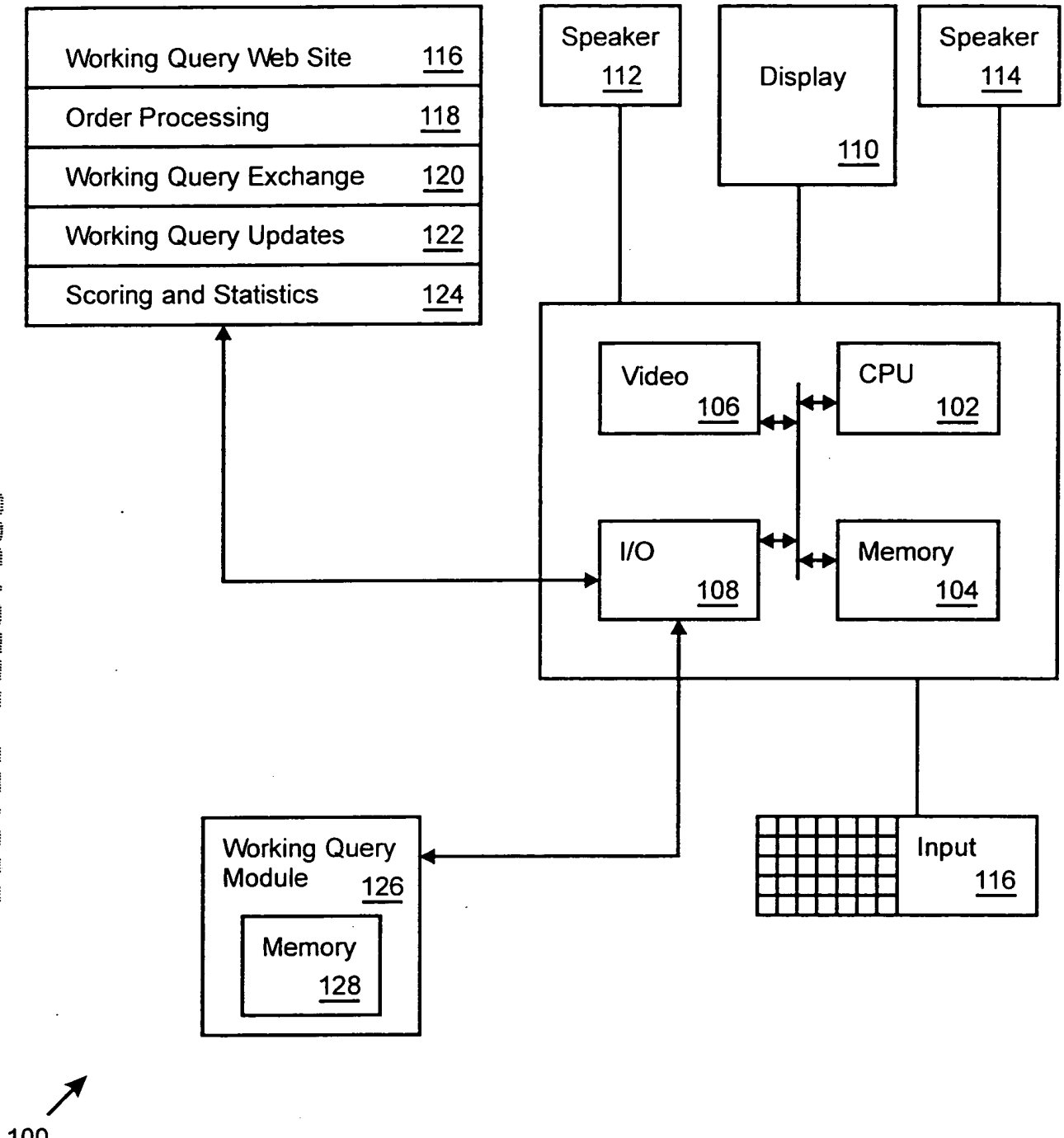
Working Query Web Site 116
Order Processing 118
Working Query Exchange 120
Working Query Updates 122
Scoring and Statistics 124
Speaker 112
Display 110
Speaker 114
Video 106
CPU 102
I/O 108
Memory 104
Working Query Module 126
Memory 128
Input 116
100

Figure 1

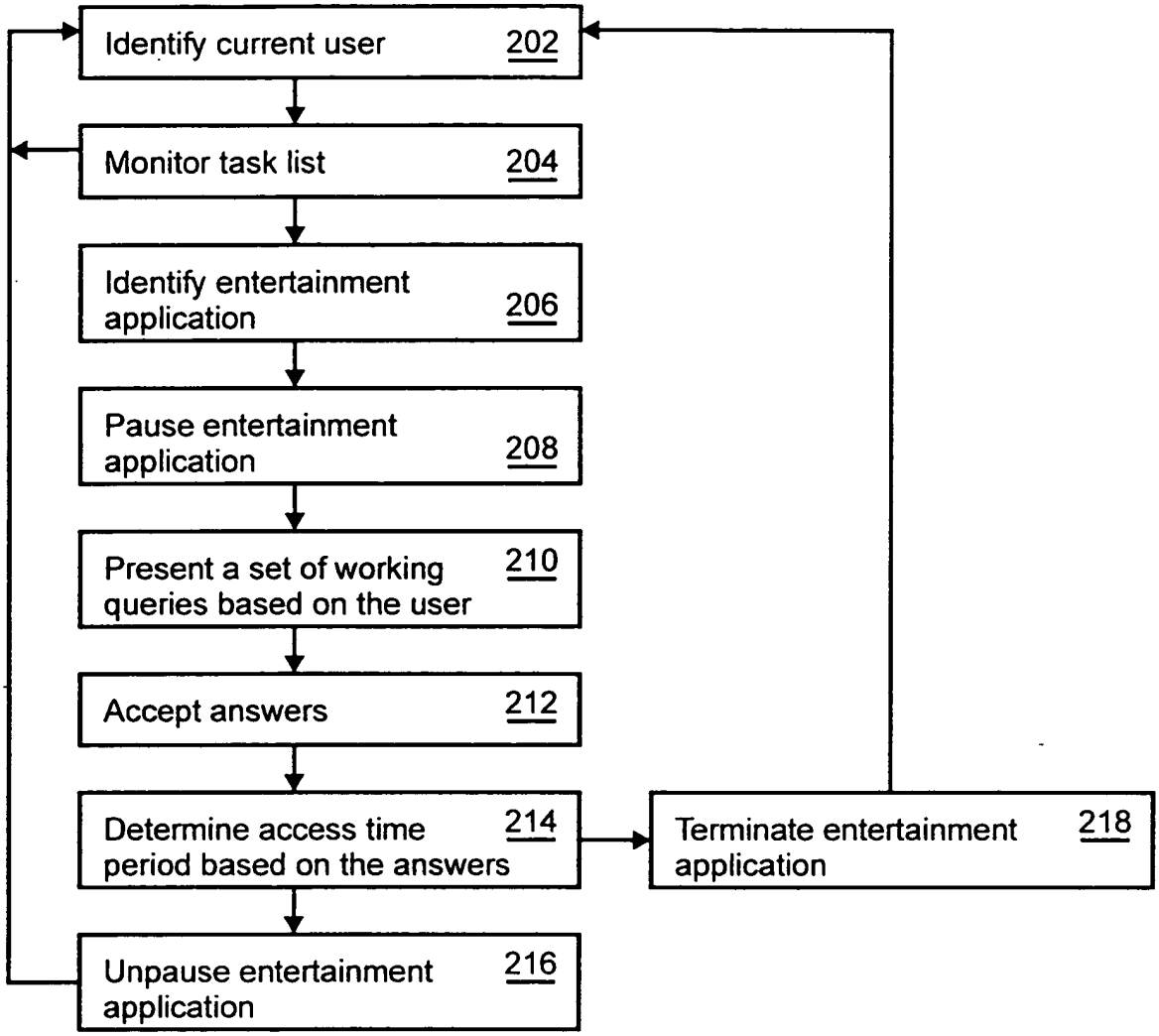
Identify current user 202
Monitor task list 204
Identify entertainment application 206
Pause entertainment application 208
Present a set of working queries based on the user 210
Accept answers 212
Determine access time period based on the answers 214
Terminate entertainment application 218
Unpause entertainment application 216
200

Figure 2

0508-0874-0800

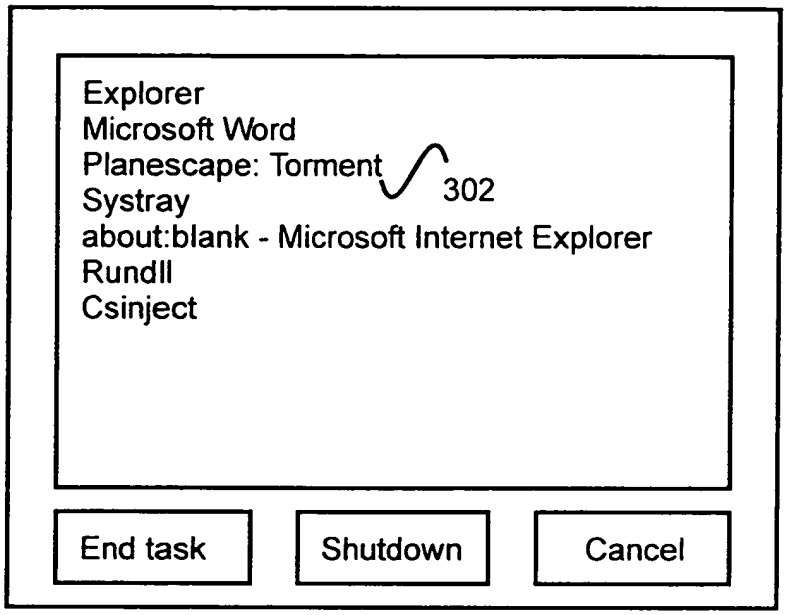

Figure 3

1. Which are denumerably infinite sets? ← 402

- ☐ The set of all natural numbers
- ☐ The set of all rational numbers
- ☐ The set of all real numbers

406

2. Evaluate: $4\sum_{n=0}^{\infty}(1/4)(1/2)^n$ ← 404

408

3. To whom is the following quote attributable?

I do not know what I may appear to the world; but to myself I seem to have been only like a boy, playing on the seashore, and diverting myself, in now and then finding a smoother pebble or a prettier shell than ordinary, while the great ocean of truth lay all undiscovered before me.

- ☐ James Clerk Maxwell
- ☐ Isaac Newton
- ☐ Bob Dylan
- ☐ Aristotle

4. Literally translated from Greek, the word *Geometry* means:

- ☐ Linear distance
- ☐ Earth measuring
- ☐ Great circle
- ☐ Parabolic arc

Submit Answers 410

400

Figure 4

Docket No. 8756.P050